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gainer by inspection, as the prevention of dishonest competition is distinctly to his advantage. In the past reputable business houses have been among the first to favor adulteration laws, and it is not improbable that they would welcome further measures. It should be remembered, however, that the trade is ever jealous of its rights and is quick to resent any unnecessary interference.

The chemist has been an important factor in inspection, as on him has devolved the important task of securing evidence as to the character or purity of products and presenting this evidence either in official reports or by testimony in court.

The Association of Official Agricultural Chemists, since its inception, has been pre-eminently a body of inspection chemists and doubtless would never have existed had it not been for laws affecting the sale of fertilizers and foods. The same may be said of the Section of Agricultural and Food Chemistry of this Association. Of the 28 papers to be read at this meeting before the section, at least 19 relate directly or indirectly to inspection, and a great majority of the listeners will doubtless be inspection chemists.

The extension of inspection is continually opening up new and fascinating realms of investigation, and it will be a long time before the analyst need cry for new worlds to conquer.

A. L. WINTON

CHICAGO LABORATORY OF
BUREAU OF CHEMISTRY,
U. S. DEPARTMENT OF AGRICULTURE

THE AMERICAN SOCIOLOGICAL SOCIETY

THE third annual meeting of the American Sociological Society will be held at Atlantic City, N. J., from December 28 to 31, inclusive, in conjunction with the annual meetings of the American Economic Association, the American Statistical Association and the American Association for Labor Legislation.

The Sociological Society will hold seven sessions, one of which will be a joint meeting with the Economic Association and another of which will be a joint meeting with the American Statistical Association. All seven sessions, however, will be devoted to a discussion of some aspect of the general topic "The Family in Modern Society." This general topic has been divided as follows:

1. Relation of the family to social change. (President's address.)
2. How do home conditions react upon the family?
3. Are modern industry and city life unfavorable to the family?
4. How does the woman movement react upon the family?
5. Has the freer granting of divorce proved an evil?
6. How far should the state go in individualizing the members of the family?
7. How far should family property be conserved and encouraged?

Detailed programs can be had by applying to the Secretary, Professor C. W. A. Veditz, George Washington University, Washington, D. C.

THE "UNIVERSITY TABLE" AT THE NAPLES ZOOLOGICAL STATION

FOR a number of years in the past a table was maintained at the Naples laboratory under the above title, half the cost being met by the late William E. Dodge in the name of Columbia University, and half by contributions from other sources. Owing to lack of regular support the subscription for this table unfortunately lapsed for several years. Friends of the university have now made it possible to renew the subscription, and it is hoped that the table may now be permanently maintained under the name of the "Columbia Table." Its use is open to all qualified Americans and applications may be sent to Professor E. B. Wilson, Columbia University, New York City.

SCIENTIFIC NOTES AND NEWS

THE Nichols Medal of the American Chemical Society has been awarded to Professor William A. Noyes, of the University of

Illinois, and Dr. H. C. P. Weber, for their researches on the atomic weight of chlorine. The medals will be awarded at a meeting of the Chemists' Club, New York City, on the evening of November 26, when Dr. Noyes will give a very brief résumé of the work on chlorine, and Dr. Weber will announce further results on work which has been done along the same line on the atomic weight of bromine.

THE Bisset Hawkins medal, of the Royal College of Physicians, of London, awarded triennially to a British medical man who had distinguished himself in sanitary science and the promotion of public health, has been presented to Sir Shirley Murphy, medical officer to the London County Council, in recognition of his services to the public and to preventive medicine.

At the annual meeting of the American Mathematical Society, to be held in the last week of December, President H. S. White will deliver his retiring address, the subject of which will be "Bezout's theory of resultants and its influence on geometry."

In the vote for the Lord Rectorship of Edinburgh University, Mr. George Wyndham received 826 votes, Mr. Winston Churchill 727 votes and Dr. William Osler 614 votes.

PROFESSOR BASHFORD DEAN will represent Columbia University at the inauguration of the monument to Lamarck, in Paris, on November 19.

PROFESSOR CHARLES R. BARNES and Dr. W. J. G. Land, of the University of Chicago, are spending four months (September-December) in tropical Mexico, primarily to investigate the Bryophytes, and incidentally to secure other research material for the department of botany.

THE Geological Survey has issued a report on the prevention of mine explosions, submitted by three foreign experts, Victor Watteyne, inspector-general of mines, Belgium; Carl Meissner, councilor for mines, Germany, and Arthur Desborough, H. M. inspector of explosives, England. These engineers have been in the United States for six weeks, coming at the invitation of the government to assist the federal authorities in be-

ginning the investigations authorized at the last session of congress.

MR. HENRY LEIGHTON, instructor in geology, Cornell University, has resigned to take a position as assistant in economic geology in the New York State Museum, Albany.

MR. V. BLEININGER, of Champaign, Ill., has been appointed ceramic chemist of a new section of the U. S. Geological Survey devoted to clays and clay products.

PROFESSOR JOHN M. MACFARLANE, of the University of Pennsylvania, is chairman of a committee of the Bartram Association, which will plant a tree annually in Bartram's Gardens, either at the June or October meeting of the association. At a meeting of the society held on Saturday, October 24, Henry R. Edmunds, president of the board of education, was elected president.

MR. H. L. TELEGI is at present visiting this country in the interests of the agricultural department of the Hungarian government.

G. SUTO, professor of veterinary science in the Agricultural College at Tokyo, has passed through the United States on his way home, after a visit to Germany.

D. SHONO and Professor Gamoh, of Tokyo, are in this country, having been appointed by the emperor of Japan to investigate industrial conditions in America, particularly in connection with industrial education in our secondary schools and colleges.

DR. JOSEPH S. CHAMBERLAIN, chief of the cattle food and grain investigation laboratory of the Bureau of Chemistry, U. S. Department of Agriculture, has been granted leave of absence for a year's study abroad. He expects to work under Professors Fischer and Abderhalden at the University of Berlin.

DR. NICOLAS ACHÚCARRO, physician to the General Hospital at Madrid, Spain, has been appointed and has taken up his duties as histopathologist at the Government Hospital for the Insane, Washington, D. C. Dr. Achúcarro was granted a year's leave of absence by the Spanish government for this purpose.

CAPTAIN C. C. CARTER, U. S. M. A., 1899, has been detailed by the War Department to spend

the current year at the Massachusetts Institute of Technology studying electrical engineering. Captain Carter is attached to the Coast Artillery Corps, and for the past few years has been an instructor in the Fortress Monroe Artillery School and the Fort Totten School of Submarine Defence.

THE inaugural lecture of Professor Albrecht Penck, of the University of Berlin, as Kaiser Wilhelm professor at Columbia University, was given on November 4, the subject being "The Face of the Earth."

PROFESSOR WILLIAM JAMES will repeat the series of eight lectures, which he gave recently at Oxford University, in Emerson Hall. The course is entitled "The Present Situation in Philosophy."

At the Dublin meeting of the British Association for the Advancement of Science, September 2-9, Professor A. Lawrence Rotch discussed, before the Physical Section, the warm stratum in the upper air. At the jubilee meeting of the German Meteorological Society, which was held at Hamburg, September 28-30, Professor Rotch read a paper entitled "Die warme Schicht der Atmosphäre oberhalb 12 Km. in Amerika."

THE lectures on certain fundamental problems in physiology common to animals and plants to be given by Dr. W. M. Bayliss, F.R.S., at University College, London, will be devoted to the permeability of cells and membranes and the phenomena connected therewith, such as plasmolysis, secretion, nature of the nerve impulse, etc. The lectures, which began on October 21, are given on Wednesdays at 5 P.M.

DEAN LEONARD PEARSON, of the veterinary medical department of the University of Pennsylvania, delivered an address at the milk and dairy exhibit in the Chamber of Commerce at Pittsburg, Pa., under the auspices of the United States Department of Agriculture on October 22.

THE three hundredth anniversary of the election of Francis Bacon as treasurer of Gray's Inn, which took place on October 17, 1608, was celebrated October 17 by a luncheon

at the inn, at which the benchers entertained a number of distinguished guests. It is the intention of members of the inn to observe the first night of term (November 2) as a Bacon anniversary, and, at a later date, a permanent memorial will be placed in one of the open spaces of the inn—probably south-square. This memorial will consist of a marble statue of Bacon by Mr. F. W. Pomeroy, A.R.A. A sketch model of it was on view October 17, as well as a collection of Baconian manuscripts and printed books.

A BRONZE tablet to the memory of the late Major James Carroll will be unveiled in the main medical building of the University of Maryland, on November 11. Dr. William H. Welch will deliver the principal address.

F. A. C. PERRINE, A.B. (Princeton '83) and D.Sc. ('85), from 1893 to 1900 professor of electrical engineering at Stanford University, and since then a consulting engineer, died at Plainfield, N. J., on October 20, aged forty-six years.

PROFESSOR BERGER, the eminent French surgeon, who was seized with an attack of apoplexy while about to perform an operation at the Neckar Hospital, on October 10, died without recovering consciousness. He was born in 1845.

THERE will be a civil service examination on November 16 and 17 for the position of assistant (male) in the U. S. Naval Observatory at a salary of \$1,000.

THE National Association of State Universities will meet in Washington, D. C., on November 16 and 17.

THE eighth annual meeting of the American Philosophical Association will be held at Baltimore, on Tuesday, Wednesday and Thursday, December 29, 30 and 31, 1908.

THE second regular meeting of the southwestern section of the American Mathematical Society will be held at the University of Kansas, Lawrence, Kansas, on Saturday, November 28.

THE twenty-sixth stated meeting of the American Ornithologists' Union will be held in Cambridge, Mass., beginning on the evening of November 16, at 8 o'clock. The evening

session will be for the election of officers and members, and for the transaction of other routine business. The meetings, open to the public and devoted to the presentation and discussion of scientific papers, will be held at the University Museum, Oxford Street, commencing on Tuesday, November 17, and continuing for three days. Information regarding the meeting can be had by addressing the secretary, Mr. John H. Sage, Portland, Conn.

THE Salters' Company, London, has voted £100 a year for a period of three years to the cancer research laboratories of the Middlesex Hospital as a research scholarship.

LIEUTENANT-COLONEL BURLAND, of Montreal, has given \$50,000 to the Montreal League for the Prevention and Treatment of Tuberculosis. In the heart of Montreal, Colonel Burland has presented a building for dispensary purposes and the gift of \$50,000 is on the condition that the league raises an endowment of a similar amount.

A ROYAL COMMISSION has been appointed in Great Britain to make an inventory of the ancient and historical monuments and constructions connected with or illustrative of the contemporary culture, civilization and conditions of life of the people in England from the earliest times to the year 1700, and to specify those which seem most worthy of preservation. The commission is constituted as follows: Lord Burghclere (chairman); Earl of Plymouth, C.B.; Viscount Dillon; Lord Balcarres, M.P.; Sir H. H. Howorth, K.C.I.E., F.R.S.; Sir John F. F. Horner, K.C.V.O.; Mr. E. J. Horniman, M.P.; Dr. F. J. Haverfield, Camden professor of ancient history in the University of Oxford; Mr. L. Stokes, vice-president of the Royal Institute of British Architects; Mr. J. Fitzgerald, assistant secretary to H.M. Office of Works; and Mr. J. G. N. Clift, hon. secretary to the British Archeological Association.

PROFESSOR SENECA EGBERT will give a series of free public lectures at the Academy of Natural Sciences, Philadelphia, on "The Pre-

vention of Disease and the Preservation of Health," at 8 P.M. on the following dates:

November 5—"The Economic Loss due to Preventable Diseases—What they cost and how they Affect the People, Individually and Collectively."

November 12—"What is being done to prevent Disease—Results already Achieved—The Outlook for the Future."

November 19—"Methods of Prophylaxis, and their Efficiency—The Value of Sanitation, Quarantine, Vaccination, etc."

November 27—"The Importance of Personal Health in Preventing Disease—Necessity of Fostering and Increasing One's Vital Resistance—The Influence of Extraneous Factors as Pure Air, Pure Water, Pure Food, etc."

December 3—"The Importance and Need of Popular Education in Public Health—Available and Practical Means for Securing It—Missionary Work Imperative for the Immediate Future."

THE following is a series of lectures which has been arranged by the Museum of the University of Pennsylvania, for the month of November. They are to be given in the Widener Lecture Hall, at three o'clock on the afternoons mentioned.

November 7—C. Leonard Woolley, A.M.: "Results of the Second Eckley B. Coxe Egyptian Expedition" and "Excavations in Nubia."

November 11—Sir Harry Johnston, G.C.M.G., K.C.B., D.Sc.: "The Congo State—Its Fauna and Its Peoples."

November 18—Professor Oscar Gustaf Monetiilius, Royal Antiquary of Sweden: "The Mycenaean Period."

November 25—C. Leonard Woolley, A.M.: "A Roman Town in Britain" and "Roman Britain in the Light of the Present Excavations at Corbridge on Tyne."

THE ADMINISTRATION OF THE UNIVERSITY OF ILLINOIS

At a meeting of the senate of the University of Illinois on October 15, called at the request of the committee on educational policy, the following resolutions were adopted:

WHEREAS, There is ground for apprehending that recent articles in the press may lead the public to think that academic freedom is suppressed or interfered with at the University of